

Title (en)

PIEZOELECTRIC GENERATOR FOR SUPPLYING POWER TO PORTABLE TERMINAL

Title (de)

PIEZOELEKTRISCHER GENERATOR ZUR STROMVERSORGUNG EINES TRAGBAREN ENDGERÄTS

Title (fr)

GÉNÉRATEUR PIÉZOÉLECTRIQUE POUR FOURNIR UNE PUISSANCE À UN TERMINAL PORTABLE

Publication

**EP 2874269 A4 20160406 (EN)**

Application

**EP 13816686 A 20130513**

Priority

- KR 20120075569 A 20120711
- KR 2013004203 W 20130513

Abstract (en)

[origin: EP2874269A1] A piezoelectric generator for power supply of a portable terminal is provided. The piezoelectric generator includes: a portable terminal case which has a battery mounting part formed on one surface thereof and has parts of the portable terminal mounted therein; a slide part which is formed on opposite side surfaces of a border of the portable terminal case to be able to slide up and down; and a piezoelectric body which has one end or opposite ends connected with the slide part and is disposed in the battery mounting part in a transverse direction, and which vibrates by a sliding movement of the slide part.

IPC 8 full level

**H02J 7/00** (2006.01); **H02N 2/18** (2006.01)

CPC (source: CN EP KR US)

**H02J 7/00** (2013.01 - KR); **H02J 7/32** (2013.01 - EP US); **H02N 2/18** (2013.01 - EP KR US); **H02N 2/183** (2013.01 - CN); **H02N 2/186** (2013.01 - EP US); **Y02B 40/00** (2013.01 - EP US)

Citation (search report)

- [IA] US 2010277126 A1 20101104 - NAEIMI HELIA [US], et al
- [IA] US 2011012459 A1 20110120 - CHANG CHI-LONE [TW], et al
- See references of WO 2014010821A1

Cited by

CN105471061A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2874269 A1 20150520**; **EP 2874269 A4 20160406**; CN 104471825 A 20150325; CN 104471825 B 20170609; KR 101388142 B1 20140423; KR 20140008696 A 20140122; US 2015207436 A1 20150723; US 9467074 B2 20161011; WO 2014010821 A1 20140116

DOCDB simple family (application)

**EP 13816686 A 20130513**; CN 201380036788 A 20130513; KR 20120075569 A 20120711; KR 2013004203 W 20130513; US 201314413975 A 20130513